

What is claimed is:

1. A method for controlling a resolution of a graphic image, comprising the steps of:

- (a) selecting a resolution value of the graphic image to be
5 displayed on an external display unit;
- (b) additionally selecting another resolution value corresponding to a valid screen of the external display unit;
- (c) confirming a source type of the graphic image to be displayed on the external display unit and a screen mode; and
10 (d) referring to the selected resolution values and reconfiguring the graphic image, according to a result of the confirmation.

2. The method as set forth in claim 1, wherein the resolution
15 value is a horizontal and vertical resolution value.

3. The method as set forth in claim 1, wherein the external display unit is a television (TV) in which a size of a valid screen displaying a video image is smaller than that of an actual physical
20 screen.

4. The method as set forth in claim 3, wherein the step (a) is carried out by selecting any one of a plurality of horizontal and vertical resolution values corresponding to horizontal and
25 vertical frequencies capable of being accommodated in the TV.

5. The method as set forth in claim 3, wherein the step (b)

is carried out by additionally selecting a horizontal and vertical resolution value corresponding to a valid horizontal and vertical frequency so that the graphic image controlled by the resolution value selected at the step (a) can be fully displayed on a valid
5 screen of the TV.

6. The method as set forth in claim 3, wherein the step (d) is carried out by controlling the resolution of the graphic image on the basis of the resolution value selected at the step (a) where
10 a source type of the confirmed graphic image is a video image and a screen mode is a full screen mode.

7. The method as set forth in claim 6, wherein the video image is a video image read and reproduced from an optical disc or a
15 broadcast image received through a broadcast.

8. The method as set forth in claim 3, wherein the step (d) is carried out by referring to the resolution values selected at the steps (a) and (b) and controlling the resolution of the graphic
20 image, where a source type of the confirmed graphic image is another image rather than a video or broadcast image, or is a video or broadcast image based on another screen mode rather than a full screen mode.

25 9. The method as set forth in claim 8, further comprising the step of:

(e) shifting a start point of the graphic image controlled by

the horizontal and vertical resolution value selected at the step (b) to within a valid display period contained between horizontal sync signals.